

The LARC Journal

HI-Q

Vol. 61

November 1995

Issue 609



CLUB REPEATERS

VE3TBR

Phone: 807-767-7661
Listen: 146.820 MHz
Txmit: 146.220 MHz
Listen: 444.825 MHz
Txmit: 449.825 MHz

VE3YQT

Phone: 807-767-5492
Listen: 147.060 MHz
Txmit: 146.460 MHz

WEEKLY BREAKFASTS

Saturdays 9:30 a.m.
Blue Parrot Restaurant
376 Lisgar Street
(Off Memorial Avenue)

2m MINI-NET

Mondays 7:00 p.m.
VE3YQT Repeater.

NEXT MEETING



7:30 p.m. Room 214
McIntyre Building
Confederation College

SHORTWAVES

A UHF repeater link has been added to the VE3TBR machine. Simulcast transmissions can be made either UHF/VHF, VHF/UHF, VHF/VHF and UHF/UHF. So, 2m users can talk to 440 users at the same time and vice-versa.

The last couple of months of *HI-Q* have been uploaded to The Mailbox, Online Now and Len, VA3LEB's Internet home page. I'm also going to put a packet bulletin text version on Terry, VE3TKA's BBS. For those who haven't renewed their LARC membership for this year, there is a copy of the membership application on the back page. It would be appreciated that you also send in the LARC computer survey from last month. I'm very disappointed with the low rate of returns from club members. Does anyone read *HI-Q*? Especially since the majority of those at the club meeting had computers! For those who didn't read *HI-Q*, the user survey was on page 5 of the October issue. Also, the FREE BBS offered by Gary Elder, called *The Mailbox*, can be accessed at 475-7405. You can call and enter the DEMO mode if you aren't too certain about modems and BBSs. Baud rates up to 14.4 kilobaud are supported. Standard modem settings, 8, N, 1. For those who have 2400 baud modems, you can run them faster by setting your baud rate to 9600 bits per second; 14400 baud modems can be pushed to 57600 bits per second.

As Bob, VE3JAB, pointed out, the IARU conference noted that more hams are using and experimenting with the Internet.

One of the main problems I have noticed working with some club members is that 99.99% off all

problems are the result of not reading the program and computer manuals; not understanding DOS and Windows and what they are capable of. It's like driving a car and not knowing how to change oil, fix flat tires and read road sign symbols.

Confederation College offers many fine courses for terrified computer illiterate people. Now is the time to get into computer and Cyberspace while they are in their infancy. In 5 or 10 years, it will be too late. Computers and the Internet will invade every facet of our lives whether we like it or not. Virtual Reality may very well become Actual Reality. You can send submissions via the Internet or Email to: bob.mazur@oln.com, I would like more input from the new hams.

Ed, VE3SNW thinks that a new ham column would be of interest to a lot of club members. Well, how about it? Let Ed hear from you. Most of the recently licensed amateurs know Ed and shouldn't be shy about talking to him—Ed.

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Founding President
P.J. (Pat) O'Shea, VE3FW
1881-1972

In honour of the memory of our founding president, Mr. P.J. (Pat) O'Shea, the club callsign is VE3FW.

Senate

Bill Roberts, VE3ARN
Keith Fiske, VE3JQ
Bert Lambert, VE3BKY
Ray Greer, VE3CH
Hugh Elliott, VE3EDW
Bill Klemacki, VE3AJ

Executive Board

President: Terry Stewardson, VE3TKA	577-9439
Vice Pres: Ed Baumann, VE3SNW	622-1216
Secretary: Norm Bell, VE3XRC	577-9316
Treasurer: "Skip" Wright, VE3BBS	767-2307
Directors: Ian Mellis, VA3RIM	577-1628
Dave Horne, VA3DVE	344-9325
Don Bel, VA3DPB	473-5482
John Watson, VE3GTX	683-3199
Mem.Sec: John Watson, VE3GTX	683-3199
Past Pres: Mark Vukovich, VE3VUK	345-5856
HI-Q Ed: Robert Mazur, VA3ROM	344-7731

Voyageur Award

The LARC, in cooperation with the City of Thunder Bay, sponsors the *Thunder Bay Voyageur Award*. Anyone working or monitoring 5 Thunder Bay amateur radio stations qualifies. The award is an attractive 8.5"x11" parchment scroll. Send your log copy with callsigns, dates, times, frequencies and \$2.00 Canadian to the club address listed below.

Club and Newsletter Information

HI-Q is published by the Lakehead Amateur Radio Club, Inc., an Ontario registered non-profit corporation. The opinions expressed or implied in issues of *HI-Q* are those of the author. The LARC assumes no responsibility for the accuracy or the information submitted.

Material in *HI-Q* may be copied for non-profit use provided that credit is given to the source. Contributions related to amateur radio, especially those articles of interest to northwestern Ontario amateurs are encouraged. Material can be submitted in WordPerfect® format or as a text file or via fax to: 807-345-2688 or via packet radio to: VA3ROM@VE3TKA#NON.ON.CAN.NA or voice mail on the VE3TBR repeater to user 159 or via Email to: bob.mazur@oln.com. Send material or dated announcements no later than the 20th of the month in which it is to appear.

To reduce production and distribution costs, advertising at the following per issued rates is accepted: full-page—\$60.00, 1/2 page—\$40.00, 1/4 page—\$20.00 and 1/8 page—\$15.00. Reduced rates (1/3 off) are available upon receipt of advance payment for 10 issues (one full year). Send your ad copy and cheque (payable to the LARC) to the club address listed below. Advertising in *HI-Q* does not imply an endorsement or recommendation of the product or service by the LARC.

LARC membership fees are set for the year as follows: regular—\$30.00, associate—\$20.00, associate (attending ham classes)—\$80.00, student (attending school full-time)—\$15.00 and family—\$30.00 plus \$10.00 for each additional family member living at the same address. *HI-Q* is sent to all LARC members but only one copy is mailed to each address.

Mailing Address

The club mailing address is: The Lakehead Amateur Radio Club, Inc., Suite 184, 1100C Memorial Avenue, Thunder Bay, ON, P7B 4A3, Canada.

Radio Amateurs of Canada (RAC)

The LARC is a member and active supporter of RAC. Support and protect your hobby by joining today. Contact John, VE3GTX for the details.

If you are renewing your current RAC membership please quote the club's RAC account number *LAK101* on the form.

WILD ROSE COUNTRY AWARD

The Wild Rose Country Award is available to all hams and SWLs who work VE6 stations. Contacts can be made on any band, any mode including satellites and packet. There is no fee for this award as it is sponsored by the Amateur Radio League of Alberta. There is no time limit.

Contacts required are broken down into the following format:

VE6 stations - 30
All other VA/VE stations - 20
USA stations - 15
All others (DX) - 10

Send your log info with a 9"x12" envelope please enclose the following for return postage: Canadians—90 cent stamp, USA—2 IRCs or green stamps, all others—4 IRCs or green stamps.

Send to: VE6SRC, Stu Crawford, 6354 Bowview Road NW, Calgary, Alberta, T3B 2H8, Canada.

73 es good luck!
Stu

Moving? HI-Q Submissions?

Send your change of address or submissions to:

The Lakehead Amateur Radio Club, Inc.
Suite 184, 1100C Memorial Avenue
Thunder Bay, Ontario, P7B 4A3
Canada

Meeting Minutes by Norm, VE3XRC

Minutes of a Meeting of the Lakehead Amateur Radio Club held in Room 214 at Confederation College, Thunder Bay, Ontario on October 12, 1995

The meeting was called to order at 7:30 p.m. by the President VE3TKA, Terry Stewardson with 38 members and guests in attendance.

Minutes of the Previous Meeting:

The minutes of the previous meeting held September 14, 1995 were published in detail in the October edition of *HI-Q* and mailed to all members. **Motion:** moved by VE3BHN, Bob Gillespie and seconded by VA3BRN, Gerry Burney that the minutes be accepted as published. Carried.

Treasurer's Report

VE3BBS, Skip Wright reported the annual 1994-95 financial statement as of October 12, 1995 as follows:

Balance as of September 14, 1995:

\$ 871.49

Income: 700.00

Expenses: 503.45

Balance as of October 12, 1995:

\$1,068.04

Motion: moved by VE3GTX, John Watson and seconded by VE3AJ, Bill Klemacki that the Treasurer's report be accepted. Carried.

President's Report

VE3YQT is sounding a little noisy these days. Due to the erection of a new tower on Mount Baldy, we will not be able to go up the hill and check things out until the commercial construction work is finished.

VE3TBR Update: the weekend of October 7th and 8th, 20 hours worth of work was put into the Grand Marais link and the installation of a 440 repeater. It was disappointing that we could hit the Grand Marais machine, but were not getting a signal back. We were subsequently informed that the Grand Marais repeater is sick (only putting out 3 or 4 watts). It will be fixed with a new solid state repeater in the near future. A UHF repeater was also installed at VE3TBR and is hooked into VE3TBR for simulcasting on 2m. Thanks go to VE3DOM, Dave McClenaghan who donated the UHF repeater, VE3BCD, Laurie Bridgett who fixed and retuned the machine, VE3EMI, John Kaleta for supplying the heliax and the loan of a 440 antenna, VE3AJ, Bill Klemacki for the donation of a UHF duplexer and a 25 watt amplifier. The cost of the 440 repeater to the Lakehead Amateur Radio Club was approximately \$45.00. As well, Terry thanked a number of club members for the time they spent over the weekend working up at the site.

Tower Space at Upsala: the club has received a donation of tower space on a Bell Canada tower at Upsala by local management of Bell Canada and VE3KRV, Vlad Kruzick. We are busy studying what to install and also an

intermod study of frequency allocations at the site. Thanks to VE3DOM, Dave McClenaghan, the club now has 3 VHF repeaters. The club has enough heliax, but is looking for duplexers. The antenna space donated to us is 220 feet up in the air.

Other Reports

IARU Region 2 Conference: VE3JAB, Bob Bishop and VA3GD, Pat Doherty recently attended the IARU Region 2 Conference held in Niagara Falls. Pat showed off a binder full of material he picked up at the conference. Twenty-nine countries were represented from North and South America. Pat was there for the HF Band Plan Committee. The Canadian Band Plan fits pretty well within what other countries in Region 2 have in place. South American countries would like to see the bottom end of the voice section of 40m (7.050) as a DX area of the band. This part of the band is presently used by Canadian Amateurs. Pat considered it a real good conference. Bob Bishop pointed out that this conference was not a Hamfest, but a working conference. It was run similar to the United Nations. There was an average of 3 delegates from each of the 29 participating countries.

There were 4 major committees in the conference. This was the first time Canadian Amateurs were represented by Canadian delegates. The Canadians made a difference, working with the South American countries influencing the U.S.A. Did you know that it was a Canadian who invented packet radio? Technology is moving faster than band plans can keep up with. It was pointed out that amateurs now do very little experimenting compared to the old days referred to as "BC" (before computers). The challenge of experimentation was strongly suggested. Pat informed the members of the International Radio Permit. Three countries including Canada have signed the agreement. Bob mentioned the difference re living standards from some South American countries. He said that we are lucky to be living this far north.

Old Business

VE3TB: a call sign held by Doug Hall. At the last executive meeting of the club, a discussion took place re the club acquiring the call VE3TB which Mr. Hall is willing to give up. It was a general consensus of the executive that the Lakehead Amateur Radio Club would not give up the call VE3FW and because the call VE3TB can't be used for a repeater, it was the recommendation of the executive to inform Mr. Hall that as a club we would be unable to accept his generous donation of VE3TB.

It was suggested that any club member interested in the call should contact Mr. Hall directly. VE3JAB, Bob Bishop said he would be interested in acquiring the call VE3TB for the Senior's amateur station.

HI-Q Format: a questionnaire survey was sent out in the October edition regarding the format proposal for putting *HI-Q* on BBS systems. The document is too big for graphic

files and packet radio. Only 7 of the questionnaires were returned as of the meeting. In a show of hands, most members present have computers, but only a few indicated they were comfortable with downloading files from BBS systems. Once in, VA3ROM, Bob Mazur will go through the surveys.

New Business

Repeater Frequencies: VE3UA, Jim O'Brien pointed out an article in the October issue of *TCA* requesting information on repeater frequencies. **Motion:** moved by VE3UA, Jim O'Brien and seconded by VE3NPS that the secretary put together the information on the Club's repeaters and send it to VE6AFO who will update the ARRL Region 2 database. Carried.

RAC Renewal Notices: VA3ER, Ed Rehfuss mentioned that there was no indication on the invoices that RAC sent out for membership renewals of a rebate to participating amateur radio clubs. VE3BBS, Skip Wright stated that our account with RAC is **LAK101** and if this number is printed on the copy of the invoice that is sent back to RAC, the club will be given a credit. Also, RAC memberships can be renewed through VE3GTX, John Watson. RAC sends a cheque to the club every six months.

2m Linking and Phone Patches: VE3AJ, Bill Klemacki had heard different amateurs talking about how great it will be to make phone patches once the link is set up. He pointed out that it is illegal to make a phone patch via a 2m linked system. To make a phone patch, you must be able to directly access the repeater in question.

Midland Canada: it has been brought to the attention of VE3AJ, Bill Klemacki that Midland Canada is having a sale of all its VHF and UHF amateur gear. See Bill for details.

No Code License: VA3BRN, Gerry Burney asked if at the IARU Region 2 Conference there was any discussion regarding a NO CODE HF license. VE3JAB, Bob Bishop replied that there could be some changes in the distant future. The CW will not disappear as a requirement for a long time to come.

Adjournment: moved by VE3BHN, Bob Gillespie that the meeting be adjourned. Carried. **50/50 Draw:** the winner of the 50/50 draw was VE3NCN, Joan Klemacki.

SPACE SHUTTLE FREQUENCIES

When the shuttle is flying tune into these space shuttle communications rebroadcast via W3NAN:

80m—3.860 MHz lsb

40m—7.185 MHz lsb

20m—14.295 MHz usb

Personality of the Month

by Ian, VA3RIM

Sergei Sobolev, UA0SR

On July 22, 1995, I first met Sergei at the home of Pat Doherty, VA3GD when four Russian radio amateurs, Sergei Sobolev, UA0SR, Vasili Maslyukov, UA0SN, Alexander Zakolyuzhin, UA0SF, Victor Akulyonok, UA0SHR and two of their wives, Natalia Maslyukova (XYL of Vasili) and Lyudmila Akulyonok (XYL of Victor), attended a barbecue along with many members of the Lakehead Amateur Radio Club. Ron Thompson, FP5EK and his wife, Laura and their 2 boys came from the French islands of St. Pierre-Miquelon to be with us. Sergei Sobolev, UA0SR is the president of the Irkutsk Amateur Radio Club. He lives in Irkutsk, Russia which is situated on the shores of Lake Baikal, the deepest fresh water lake in the world. This Siberian city is in the centre of Russia being 5000 kilometres east of Moscow, 5000 kilometres west of Vladivostok on the Russian Pacific Ocean coast and 170 kilometres from Mongolia.

A journey to Moscow requires 3-1/2 days and nights by train or a 6 hour flight by airplane. When the Russians came to Canada, they had to cross 13 time zones.

Sergei was born on August 12, 1953. His father was an economist and his mother, who is now 70 years of age, was a municipal worker. As a young boy, Sergei had many interests such as art, astronomy and building model rockets. When Sergei was 12 years old, his mother bought him an amateur radio magazine called *Russian Amateur*. He found it very interesting and was fascinated by the capabilities of amateur radio.

Amateur radios had to be built by hand in Russia. When Sergei was 14 years of age, he built a simple

transmitter which worked on the middle wave and he transmitted without a license. With one tube and no crystal, he was able to talk with his friends who were also transmitting illegally. The radio put out about 10 watts of power and he says that they caused much interference on commercial radio.

When Sergei was 16 years old, he got his amateur radio license. He

times in CQ magazine for his numerous accomplishments. He is widely recognized as a contesteer and a DX man! Sergei has also distinguished himself in the academic community. When Sergei was 17 years of age, he enrolled in a medical institute and graduated six years later as a medical doctor with a PhD in physiology. He says that as doctor he does not have very much time for his hobby of amateur radio.

Sergei talked about his family. In 1978, he married Tanya who is an engineer in meteorology. Their son

Alexander is now 17 years old and their daughter, Nadya is 11 years old and

wants to be an electrical engineer. She learned English in 4 years.

Life in Russia was only mentioned briefly. There is very little money for medical research in Russia. Inflation is high and people in the trades make more money than he does. An example of this is that a railroad engineer makes more money than a doctor. Before Perestroyka, Russian amateurs had to build all their own radio equipment but since the lowering of the barriers they are now able to buy foreign parts but they are expensive. Because of the expense and scarcity of ordinary commercial radios, apartments in Russia are wired for radio in the same fashion as our cable television system.

(Continued on page 5)



From left to right: Lyudmila, Alexander, Natalia, Vasili, Sergei and Victor. Photo courtesy of Keith Fiske, VE3JQ.

(Continued from page 4)

Sergei is presently in charge of the amateur radio operations for the Irkutsk Region which has about 520 amateurs and he is president of the Irkutsk Amateur Radio Club which has about 120 members. Apparently only HF radio has been used to date but just recently 2 metres has been approved on 144 MHz and 145 MHz with a maximum power of 5 watts.

Once a year the amateurs of the whole region get together for their elections and other amateur radio business. Amateur radio licensing procedures in Russia are slightly different than ours. To become a licensed operator, a person must write examinations and must be able to send and receive code at 5 wpm. He must have permission to build or buy a radio. The radio station must be inspected by 2 qualified amateur radio operators before it can be put into operation. There are different categories of licenses with differing privileges and progress through the various levels is accomplished by writing more examinations and demonstration of abilities.

I asked Sergei to talk about his most dangerous experience with amateur radio. He thought for a second, then a smile came to his face and he launched into his story. In the mid 1980's Sergei was anxiously waiting to begin another CQ WW DX contest. He had just completed installing a 4-element boom antenna for 20 meters and a 5-element boom antenna for 15 meters on the top of his 5 story apartment building which had a peaked roof and the contest was to begin the next day.

It was the month October and the weather was getting bad. During the night the wind howled and the temperature dropped making the freezing rain turn to snow. Upon checking his antenna farm on the roof, Sergei discovered that the antennas had broken from his home-made rotors and were spinning freely in the wind like windmills! He climbed out of the fifth-floor apartment window with a broom and rope onto the slippery, sloping roof into darkness and a roaring blizzard.

Everything was covered in ice and snow and he had to climb his 30 foot home-made tower that had lengths of pipe for foot-holds. Up he went into the blackness toward the spinning top. While feeling his way, he discovered that the coaxial cable had become twisted around the tower. He lifted up the broom to stop the antennas from spinning and secured them with a rope. He then had to reconnect the coaxial cable with bare hands in freezing temperatures. He did not describe the climb back down but one can imagine. I guess that he made it because he did eventually get to Thunder Bay!

In closing the interview, I asked Sergei if he wanted to say something to the members of the Lakehead Amateur Radio Club. He said, "As club president, I want to underline I am happy to have such ties as hams—with the rest of the world. I enjoyed every moment here and I'm very glad and very excited with the friendships that I have made." Sergei then went on to say that he would like to see all of us in Irkutsk and that he would take us on a trip to Mongolia.

It was at the barbecue at the home of Pat Doherty, VA3GD on July 22, 1995, that I saw one of the Russian visitors in a white shirt wending his way among the LARC members introducing himself, shaking hands and chatting briefly before moving on to someone else. This man eventually made his way to me and introduced himself as Sergei Sobolev, UA0SR.

He shook my hand and we chatted trying to understand each other because of the language barrier. When we had finished, he gave me my first QSL card that I had ever received in my life! I thank you Sergei, for that card. I will treasure it always. Your visit Serge, Vasili, Victor, Alexander, Natasha and Lyudmila (Luda) left us at the Lakehead Amateur Radio Club with wonderful and lasting memories. I hope that someday, we that can meet again.

73—Ian, VA3RIM.

Little Known Scientific Principles

The following is a compilation of very important but little known scientific principles related to certain peculiar laws of inexactitude, perversity and whimsy in scientific endeavour.

Murphy's Law: Anything that can go wrong, will go wrong.

Skinner's Constant: That quantity which, when multiplied by, divided by, added to, or subtracted from the answer you get, gives you the answer you should have gotten. (This is also known as Flannigan's Factor.)

Horner's Five Thumb Postulate: Experience gained varies directly with equipment ruined.

Cahn's Axiom: When all else fails, read the instructions.

The Spare Parts Principle: The accessibility, during recovery of small parts which fall from the work bench, varies directly with the size of the part, and inversely with the importance to the completion of the work underway.

Gumperson's Law: The probability of a given event occurring is inversely proportional to its desirability.

The Ordering Principle: Those necessary supplies for yesterday's experiment must be ordered no later than tomorrow noon.

Chisholm's Law of Human Interaction: Anytime that things appear to be going better, you have overlooked something.

Rule of Accuracy: When working toward the solution of a problem, it always helps if you know the answer.

Submitted from the Club Archives by Jim, VE3UA. This excerpt is from the June 1974 High-Q. Bill Klemacki, VE3EEW, editor. Bill now signs as VE3AJ.

RAC News Bulletin by Jacques d'Avignon, VE3VIA

RAC News Bulletin 20-95, Packet Edition, 17 October 1995. Issued at RAC Administrative Office Editor: Jacques d'Avignon VE3VIA.

NIAGARA 95 (IARU)

For the first time since the creation of the IARU, Region 2, the meeting of this group was held in Canada. The 12th General Assembly met from September 25 to 29, 1995 in Niagara Falls, Ontario with the Radio Amateurs of Canada being the host Society. Twenty nine countries from Region 2 were represented at this meeting, and many observers were also present from Europe, Africa and the Pacific Rim.

In accordance with the established custom, the Honorary Chairman of the Conference was the President of the host Society: Farrell Hopwood, VE7RD. Eleven other RAC officials were also present at this conference. The guests at the First Plenary included Michael Binder, Assistant Deputy Minister, Industry Canada; Robert Jones, VE3CTM, Director of the Radiocommunication Bureau, ITU, Geneva; Noel B. Eaton, VE3CJ, President Emeritus of the International Amateur Radio Union; Richard L. Baldwin, W1RU, IARU President, and Roberto Blois Montes de Silva, Executive Secretary C I T E L — I n t e r - A m e r i c a n Telecommunications Commission of the Organization of the American States.

The most significant development in Region 2 was the unanimous approval by the General Assembly of the OAS in June 1995, in Haiti, of the Inter-American Convention on an International Radio Permit. On September 27th, Canada signed the Instrument of Accession to the Inter-American Convention on the International Amateur Radio Permit. This development has been a long term objective for many years by the Region 2 members of the IARU. All the administrations involved have to ratify this Convention, but it is a start. Presently, only Canada, the United States, Uruguay, Argentina and Peru have ratified this convention. The long term goal is to have an IARP globally accepted.

The other important matters that were dealt with at Niagara 95 were the following: new mode of communication techniques, band planning, EMC, dealing with regulatory matters in the use of the frequency spectrum and the establishment of the priorities for the coming 3 years.

During the Monday night welcoming reception, presentations were made to the latest members of the Canadian Amateur Hall of Fame: William W. Loucks, VE3AR, Eric Quiring, VE5HQ and Terry Darling, VE3CAB.

The next Conference will be held in Venezuela in 1998. The last item on the Agenda was the election of the Executive

Committee for the 1995-1998 term.

A special vote of thanks to the following individuals: A. George Spencer, VE3AGS, Fergus Kyle, VE3LVO, Wm Loucks, VE3AR, Bob Rotenberg, VE3AKN, Jim Thompson, VE3BCA, Dave Digweed, VE3FOI, Al d'Eon, VE3AND, Tom Atkins, VE3CDM and Duncan Pollock. To the following organizations also a vote of thanks: Niagara Peninsula Amateur Radio Club, the West Side and Skywide Amateur Radio Clubs, and fellow amateurs in the Buffalo, NY area.

RADIO AMATEURS OF CANADA BOARD OF DIRECTORS MEETING

While in Niagara Falls for the IARU meeting, the Board of Directors of Radio Amateurs of Canada held a formal board meeting.

Many important decisions were made by the board. You will find below a summary of the decisions and over the next few months more details will become available and will be reported here or in *The Canadian Amateur*. RAC has accepted the responsibility for issuing the newly approved International Amateur Radio Permit when it becomes available. As reported earlier only 5 countries have joined the treaty. Along the same line RAC has also agreed to help Canadian amateurs in obtaining the CEPT used in Europe. This is not yet available to Canadians but Industry Canada has made an application on behalf of RAC.

The Board has authorized the RAC Amateur Delegation Working Group to proceed with Industry Canada on a pilot project to develop methods and procedures in preparation for taking over the responsibility for certification and issuance of call signs. The same Working Group was also authorized to set up an arms length subsidiary corporation to accept the delegation should negotiations with Industry Canada be successful.

The continuation of the requirement for Morse code was discussed at length but no decision was reached. The delegation to the IARU general assembly was directed to seek a resolution which would ensure that no precipitous decisions were taken until there was an opportunity for a detailed review of all amateur radio licensing requirements.

The report on the new Band Plan for 2 metres and 70 cm was received by the Board and approved. The Board also received a report from an ad-hoc committee which reviewed the Field Organization of RAC; it was agreed that some changes are needed and further studies are being undertaken in this area.

IN FLANDERS FIELDS

The Guelph Amateur Radio Club will operate a special station VG3W from the

McRae House Museum on November 6th till 9th to commemorate the 80th anniversary of the writing of the poem. All bands will be used and hours of operation are 1500 to 2200 UTC.

IN THE NOVEMBER 1995 TCA

The November 1995 issue of *The Canadian Amateur* will contain, in addition to the regular columns, articles on the following topics:

The Niagara meeting of Region 2 IARU, complete with photographs operating a belly boat marine mobile in British Columbia interior!

Pictures of the Hall of Fame Award winners.

RAC Financial Statements for 1994 report on the last RAC Board Meeting.

All this and more will be found in a mailbox near you in a few weeks. Do not miss all the news and make sure that you renew your RAC membership now before the rates go up, so that you will get *The Canadian Amateur* in your mailbox every month.

THE WORLD WIDE WEB

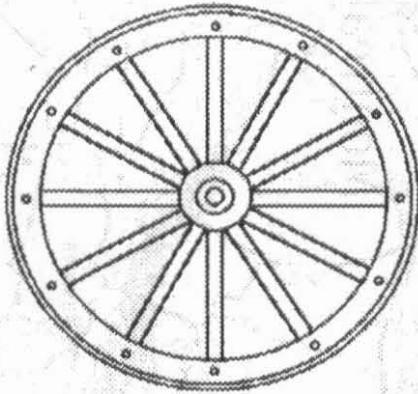
Last month we reported about the RAC home page and said that it was under construction. Far be it from me to tell you that it is completed! I am learning that all home pages are under constant construction! Ken Pulfer, VE3PU has done a superb job in getting the RAC page up and running.

Since early in October, we now have the French version of the RAC home page. When you open the English version there is a link to the French side of the *house*. Not all has been translated, but over 80% of the English text has been translated and/or adapted to French. It is most interesting to *surf the net* and suddenly find a link back to the RAC page in some unusual places. I really believe that it would be very difficult to keep abreast of all the ham and SWL pages available.

Last month I had, very naively, suggested that I would try and collate some interesting addresses for you to go and surf. I have realized since then that this would be a task that would require me to devote more time than there is available. My suggestion is to check Paul Cooper's VE3JLP monthly column in *The Canadian Amateur*. Paul has ferreted many addresses that he will publish. This does not prevent anyone from sending me any address that looks interesting to the hobby.

IARU NEWS

The following countries are now members of the IARU: Turkmenistan and Burkina Faso. Two more countries have applied to become members: Uganda and Mali.



HERITAGE AMATEUR RADIO CLUB COBOURG-PORT HOPE ONTARIO

THE HERITAGE AWARD OF ONTARIO

Will be awarded to: Amateur radio stations or SWLs anywhere in the world who complete the following contacts:

ONTARIO stations must make 2-way logged contact (or SWL heard) with **50** different **ONTARIO (VA3/VE3)** amateur radio stations, **10** of which must be along that portion of **ONTARIO'S HERITAGE HIGHWAY** (old highway #2) from Toronto to the Quebec border.

If highway #2 is in a city or town, the postal address is confirmation that the station is a **HERITAGE HIGHWAY** contact, (metro Toronto, RR #6, Cobourg, etc.)

As the **HERITAGE AMATEUR RADIO CLUB** meeting place is at the Port Hope Yacht Club, adjacent to highway #2, all club members qualify as **HERITAGE HIGHWAY** contacts.

The rest of North America (Canadian provinces and U.S. states) require **30 VA3/VE3** contacts with **6** along the **HERITAGE HIGHWAY**.

OUTSIDE North America (**DX**) require **15 VA3/VE3** contacts with **3** along the **HERITAGE HIGHWAY**.

QSLs ARE NOT REQUIRED—ANY BAND—ANY MODE

A copy of logged contacts including: date, time, frequency, mode, callsign, RST, name and location, together with an alphabetical check list with an **asterisk (*)** denoting **HERITAGE HIGHWAY** contacts, must be mailed or delivered to the club address shown below. Successful applicants will receive **THE HERITAGE AWARD of ONTARIO** by mail or at a club meeting and their names will be published in the **CLUB BULLETIN**.

Please include \$4.00 Canadian, U.S. or IRCs to cover handling costs.

Commencement date is **July 1st, 1992 at 00:00 hours UTC**, the 125th anniversary of Canadian Confederation.

CLUB ADDRESS: Awards Chairman: Eric Olsen, VE3GGO, 7 Skye Valley Drive, RR #4, Box 12, Cobourg, Ontario, Canada, K9A 4J7.

LAKEHEAD AMATEUR RADIO CLUB INC

1100C MEMORIAL AVENUE, SUITE 184, THUNDER BAY ONTARIO P7B 4A3
1995/1996 MEMBERSHIP APPLICATION



CLASSES OF MEMBERSHIP

FULL MEMBERSHIP \$30 - open only to licensed amateurs

Name: _____

Address: _____

City: _____ Postal Code: _____

Telephone: (807) _____ May we publish the phone number YES / NO

Call(s) _____

Are you a member of Radio Amateurs of Canada? YES / NO

If so what is your RAC membership # _____

FAMILY MEMBERSHIP - immediate family residing at the same address holding licenses. **\$30 plus \$10 for each additional amateur.**

Names and Calls: _____

STUDENT MEMBERSHIP - \$15 - open to persons enrolled in a full time education facility

List School and program: _____

ASSOCIATE MEMBERSHIP - \$20 - upon approval of the Board and open to:

- 1) non holders of an amateur radio license
- 2) licensed amateurs living outside the immediate Thunder Bay area or are unable to attend regular meetings of the club.

If you feel you qualify for associate membership, please indicate why, on a separate sheet, to be used by the Board to consider your application.

TREASURER	ARES	MEMBERSHIP CARD	YQT SD	TBR SD	HI-Q LABEL	CALL BOOK	SECRETARY
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THIS IS "BE KIND TO YOUR TREASURER YEAR". PLEASE MAIL OR BRING THIS FORM TO THE SEPTEMBER MEETING WITH YOUR CHEQUE OR MONEY ORDER TO COVER YOUR MEMBERSHIP FEES. CHEQUES SHOULD BE MADE PAYABLE TO THE LAKEHEAD AMATEUR RADIO CLUB. **DEADLINE FOR PAYMENT IS 30 SEPTEMBER 1995!** PAYMENT PRIOR TO THE DEADLINE WILL ENSURE THAT YOUR SPEED DIALS, MAIL BOX, ETC WILL REMAIN THE SAME AND THAT WE CAN ALSO GET YOUR 95/96 MEMBERSHIP CARDS PRINTED FOR THE OCTOBER MEETING.

SUPPORT RADIO AMATEURS OF CANADA. BECOME A MEMBER.